

FILEID**LFILL

0 16

```
1 0001 0 XTITLE 'EDT$LFILL - FILL line-mode command'
2 0002 0 MODULE EDT$LFILL (
3 0003 0           IDENT = 'V04-000'
4 0004 0           ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 ****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
11 0011 1 * ALL RIGHTS RESERVED.
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
14 0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
15 0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
16 0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
17 0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
18 0018 1 * TRANSFERRED.
19 0019 1 *
20 0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
21 0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
22 0022 1 * CORPORATION.
23 0023 1 *
24 0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1 *
30 0030 1 *
31 0031 1 ++
32 0032 1 * FACILITY: EDT -- The DEC Standard Editor
33 0033 1 *
34 0034 1 * ABSTRACT:
35 0035 1 *
36 0036 1 * This module executes the line mode FILL command.
37 0037 1 *
38 0038 1 * ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1 *
40 0040 1 * AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
41 0041 1 *
42 0042 1 * MODIFIED BY:
43 0043 1 *
44 0044 1 * 1-001 - Original. DJS 30-JAN-81. This module was created by
45 0045 1 * extracting the routine EDT$FILL_CMD from the module EXEC.BLI.
46 0046 1 * 1-002 - Regularize headers. JBS 19-Mar-1981
47 0047 1 * 1-003 - Flag that the screen has changed. JBS 07-Jul-1982
48 0048 1 * 1-004 - Put edt$stst_eob in line. STS 22-Sep-1982
49 0049 1 * 1-005 - Remove EDT$SG SCR CHGD, not needed by new screen logic. JBS 09-Oct-1982
50 0050 1 * 1-006 - Remove EDT$SRNG_P0SFRST. STS 11-Oct-1982
51 0051 1 * --
52 0052 1
```

```
54 0053 1 %SBTTL 'Declarations'  
55 0054 1 :  
56 0055 1 : TABLE OF CONTENTS:  
57 0056 1 :  
58 0057 1 :  
59 0058 1 REQUIRE 'EDTSRC:TRAROUNAM';  
60 0497 1 :  
61 0498 1 FORWARD ROUTINE  
62 0499 1 EDT$FILL_CMD : NOVALUE; ! Process the FILL command  
63 0500 1 :  
64 0501 1 :  
65 0502 1 : INCLUDE FILES:  
66 0503 1 :  
67 0504 1 :  
68 0505 1 REQUIRE 'EDTSRC:EDTREQ';  
69 0640 1 :  
70 0641 1 :  
71 0642 1 : MACROS:  
72 0643 1 :  
73 0644 1 : NONE  
74 0645 1 :  
75 0646 1 : EQUATED SYMBOLS:  
76 0647 1 :  
77 0648 1 : NONE  
78 0649 1 :  
79 0650 1 : OWN STORAGE:  
80 0651 1 :  
81 0652 1 : NONE  
82 0653 1 :  
83 0654 1 : EXTERNAL REFERENCES:  
84 0655 1 :  
85 0656 1 : In the routine
```

87 0657 1 XSBTTL 'EDT\$SFILL_CMD - FILL line-mode command'
88 0658 1
89 0659 1 GLOBAL ROUTINE EDT\$SFILL_CMD ! FILL line-mode command
90 0660 1 : NOVALUE =
91 0661 1
92 0662 1 ++
93 0663 1 FUNCTIONAL DESCRIPTION:
94 0664 1
95 0665 1 Command processing for the FILL command. If the range is null,
96 0666 1 then assume SELECT. Make sure the range is contiguous. Count
97 0667 1 the number of lines, then call the FILL routine.
98 0668 1
99 0669 1 FORMAL PARAMETERS:
100 0670 1
101 0671 1
102 0672 1
103 0673 1 IMPLICIT INPUTS:
104 0674 1
105 0675 1 EDT\$SA_EXE_CURCMD
106 0676 1 EDT\$SA_WK_N
107 0677 1
108 0678 1 IMPLICIT OUTPUTS:
109 0679 1
110 0680 1
111 0681 1
112 0682 1
113 0683 1
114 0684 1
115 0685 1
116 0686 1
117 0687 1
118 0688 1
119 0689 1
120 0690 1 --
121 0691 1
122 0692 2 BEGIN
123 0693 2
124 0694 2 EXTERNAL ROUTINE
125 0695 2 EDT\$SRNG REPOS,
126 0696 2 EDT\$FILE TXT,
127 0697 2 EDT\$STST NONCNTGRNG,
128 0698 2 EDT\$SNXT_LNRNG,
129 0699 2 EDT\$RD_CURLN;
130 0700 2
131 0701 2
132 0702 2 EXTERNAL
133 0703 2 EDT\$SG_RNG_FRSTLN,
134 0704 2 EDT\$SA_CUR_BUF : REF TBCB_BLOCK,
135 0705 2 EDT\$SZ_RNG_SAVPOS : POS_BLOCK,
136 0706 2 EDT\$SZ_RNG_ORIGPOS : POS_BLOCK,
137 0707 2 EDT\$SA_WK_N : REF LIN_BLOCK,
138 0708 2 EDT\$SZ_EOB_LN,
139 0709 2 EDT\$SA_EXE_CURCMD : REF NODE_BLOCK; ! Pointer to the current command.
140 0710 2
141 0711 2 LOCAL
142 0712 2 RANGE : REF NODE_BLOCK,
143 0713 2 NLINES;

EDTSLFILL
V04-000

EDTSLFILL - FILL Line-mode command
EDTSSFILL_CMD - FILL Line-mode command

H 16
16-Sep-1984 00:49:50
14-Sep-1984 12:23:34

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDIT.SRC]LFILL.BLI:1

Page 4
(3)

```

144 0714 2 RANGE = .EDTSSA_EXE_CURCMD [RANGE1];
145 0715 2
146 0716 2 IF (.RANGE [RAN_TYPE] EQL RAN_NULL) THEN RANGE [RAN_TYPE] = RAN_SELECT;
147 0717 2
148 0718 2 IF EDTSSSTST_NONCNTGRNG (.EDTSSA_EXE_CURCMD [RANGE1]) THEN RETURN;
149 0719 2
150 0720 2 EDTSSG RNG FRSTLN = 1;
151 0721 2 EDTSSCPY MEM( POS_SIZE, .EDTSSA_CUR_BUF, EDTSSZ_RNG_ORIGPOS);
152 0722 2 IF EDTSSRNG_REPO$ (.EDTSSA_EXE_CURCMD [RANGE1])
153 0723 2 THEN
154 0724 3 BEGIN
155 0725 3 NLines = 0;
156 0726 3
157 0727 3 WHILE (EDTSSNXT_LNRNG (0) AND (.EDTSSA_WK_LN NEQA EDTSSZ_EOB_LN)) DO
158 0728 3 NLines = .NLines + 1;
159 0729 3
160 0730 3 EDTSSCPY MEM(POS_SIZE, EDTSSZ_RNG_SAVPOS, .EDTSSA_CUR_BUF);
161 0731 3 EDTSSRD_CURLN();
162 0732 3 EDTSSFILE_TXT (.NLines);
163 0733 2 END;
164 0734 2
165 0735 1 END; ! of routine EDTSSFILE_CMD

```

! of routine EDTSSFILL_CMD

.TITLE EDT\$LFILL EDT\$LFILL - FILL line-mode command
.IDENT \V04-0001

•.EXTRN EDTSSRNG_REPO\$, EDTSSFILL_TXT
•.EXTRN EDT\$STST_NONCNTRNG
•.EXTRN EDT\$SNXT_LNRNG, EDT\$SRD_CURLN
•.EXTRN EDT\$SG_RNG_FRSTLN
•.EXTRN EDT\$SA_CUR_BUF, EDT\$SZ_RNG_SAVPOS
•.EXTRN EDT\$SZ_RNG_ORIGPOS
•.EXTRN EDT\$SA_WK_EN, EDT\$SZ_EOB_LN
•.EXTRN EDT\$SA_EXE_CURCMD

.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

			01FC	00000	.ENTRY	EDTSS\$FILL_CMD, Save R2,R3,R4,R5,R6,R7,R8	0659
58	00000000G	00	9E	00002	MOVAB	EDTSSA_EXE_CURCMD, R8	
57	00000000G	00	9E	00009	MOVAB	EDTSSA_CUR_BUF, R7	
51		68	D0	00010	MOVL	EDTSSA_EXE_CURCMD, R1	0714
50	04	A1	D0	00013	MOVL	4(R1), RANGE	
	01	A0	95	00017	TSTB	1(RANGE)	
		04	12	0001A	BNEQ	1S	0716
01	A0	0C	90	0001C	MOVB	#12, 1(RANGE)	
		04	A1	DD	PUSHL	4(R1)	0718
00000000G	00	01	FB	00023	CALLS	#1, EDTSS\$TST_NONCNTGRNG	
	5F	50	E8	0002A	BLBS	R0, 4S	
00000000G	00	01	D0	0002D	MOVL	#1, EDTSSG_RNG_FRSTLN	0720
	50	67	D0	00034	MOVL	EDTSSA_CUR_BUF_R0	0721
00000000G	00	60	28	00037	MOVC3	#14, (R0), EDTSSZ_RNG_ORIGPOS	
	50	68	D0	0003F	MOVL	EDTSSA_EXE_CURCMD, R0	0722
00000000G	00	04	A0	DD	PUSHL	4(R0)	
	3D	01	FB	00042	CALLS	#1, EDTSSRNG_REPO	
		50	E9	00045	BLBC	R0, 4S	
		56	D4	0004F	CLRL	NLINES	0725

EDT\$LFILL
V04-000

EDT\$LFILL - FILL line-mode command
EDT\$SFILL_CMD - FILL line-mode command

I 16

16-Sep-1984 00:49:50
14-Sep-1984 12:23:34

VAX-11 Bliss-32 v4.0-742
DISK\$VMSMASTER:[EDT.SRC]LFILL.BLI;1

Page 5
(3)

00000000G	00	7E	D4	00051	2\$:	CLRL	-(SP)		: 0727
	14	01	FB	00053		CALLS	#1, EDT\$SNXT_LNRNG		
	50	50	E9	0005A		BLBC	R0, 3\$		
	50 00000000G	00	9E	0005D		MOVAB	EDT\$SZ_EOB_LN, R0		
	50 00000000G	00	D1	00064		CMPL	EDT\$SA_WK_N, R0		
		04	13	0006B		BEQL	3\$		
			56	0006D		INCL	NLINES		0728
			E0	11	0006F	BRB	2\$		
	60 00000000G	50	67	D0	00071	3\$:	MOVL	EDT\$SA_CUR_BUF, R0	0730
	00000000G	00	0E	28	00074		MOVC3	#14, EDT\$SZ_RNG_SAVPOS, (R0)	
	00000000G	00	00	FB	0007C	CALLS	#0, EDT\$SRD_CUREN		0731
	00000000G	00	56	DD	00083	PUSHL	NLINES		0732
			01	FB	00085	CALLS	#1, EDT\$SFILL_TXT		
			04	0008C	4\$:	RET			0735

; Routine Size: 141 bytes, Routine Base: _EDT\$CODE + 0000

: 166 0736 1
: 167 0737 1 !<BLF/PAGE>

EDT\$LFILL
V04-000 EDT\$LFILL - FILL line-mode command
EDT\$SFILL_CMD - FILL line-mode command
: 169 0738 1 END
: 170 0739 1
: 171 0740 0 ELUDOM

J 16
16-Sep-1984 00:49:50 VAX-11 Bliss-32 v4.0-742
14-Sep-1984 12:23:34 DISK\$VMSMASTER:[EDT.SRC]LFILL.BLI;1 Page 6
(4)
! of module EDT\$LFILL

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	141	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Symbols -----	Pages	Processing
	Total Loaded Percent	Mapped	Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377 92 24	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2 1 50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:LFILL/OBJ=OBJ\$:LFILL MSRC\$:LFILL.BLI/UPDATE=(ENH\$:LFILL)

: Size: 141 code + 0 data bytes
: Run Time: 00:11.9
: Elapsed Time: 00:15.0
: Lines/CPU Min: 3718
: Lexemes/CPU-Min: 11693
: Memory Used: 92 pages
: Compilation Complete

0135 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY